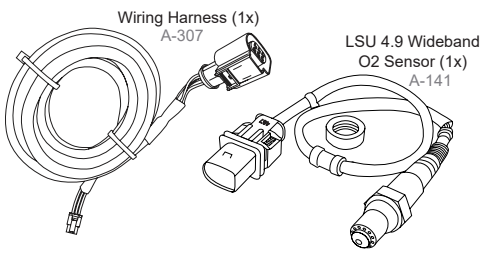
Standalone Air/Fuel Wideband Instructions (2-1/16") (Settable Warning Light)

SPEEDHUT

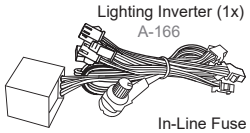


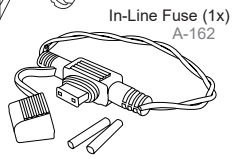
ATTENTION: Variable Power Draw = 100mA - 3 amp.
100mA: During normal gauge operation.
3 amp: Max current draw during initial O2 heating cycle.

ORDERS WITH 1-2 GAUGES
1-2 Gauge Inverter

OR

ORDERS WITH 3+ GAUGES

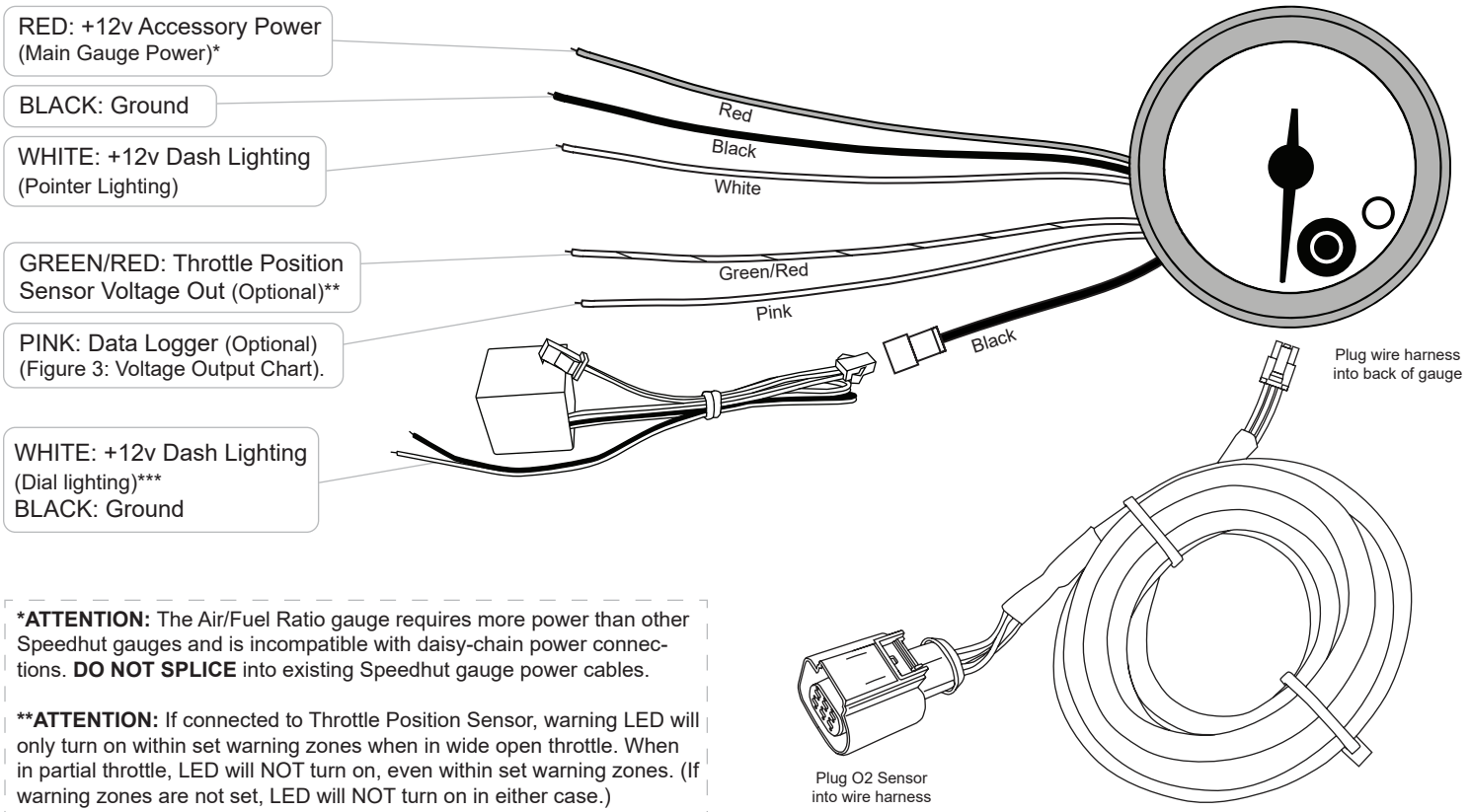




ATTENTION: 5 amp In-Line Fuse recommended for +12 Keyed Ignition.

INSTALLATION

1. DISCONNECT your vehicle's negative (-) battery cable.
2. CONNECT the gauge wiring and install the O2 sensor.
3. MOUNT your gauge to the panel using the spin lock ring.
4. RECONNECT your vehicle's negative (-) battery cable.



***ATTENTION:** The Air/Fuel Ratio gauge requires more power than other Speedhut gauges and is incompatible with daisy-chain power connections. **DO NOT SPLICE** into existing Speedhut gauge power cables.

****ATTENTION:** If connected to Throttle Position Sensor, warning LED will only turn on within set warning zones when in wide open throttle. When in partial throttle, LED will NOT turn on, even within set warning zones. (If warning zones are not set, LED will NOT turn on in either case.)

*****ATTENTION:** Inverter **REQUIRED** for dial lighting. Protect any unused connectors with electrical tape or heat-shrink seal. Damage to unused connector may cause inverter failure.

SETTING WARNING LIGHT

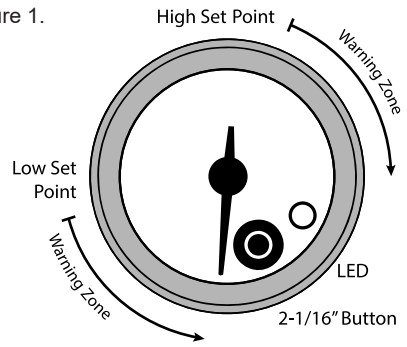
Air/Fuel ratio gauge LED can be set to turn on for a rich and/or lean condition (Figure 1). Setting will be retained even when powered off.

1. PRESS and hold button while gauge is powered OFF.
2. POWER gauge ON and release button.

   Pointer will slowly move clockwise from gauge min. value.
3. PRESS button at desired rich warning set point. LED light will blink to indicate low warning has been set. (Pressing button at min. value will turn low LED warning OFF.)

   Pointer will slowly move counterclockwise from gauge max value.
4. PRESS button at desired lean warning set point. LED light will blink to indicate high warning has been set. (Pressing button at max. value will turn high LED warning OFF.)

Figure 1.



PEAK RECALL MEMORY

Air/Fuel ratio gauge has a lean peak feature.

1. POWER gauge ON.
2. PRESS AND HOLD button. Pointer will move to lean peak until button is released.
3. To RETAIN peak reading, release button and wait 5 sec. Gauge will return to normal and retain reading.
4. To CLEAR peak reading, release button and press again within 5 sec. LED will flash twice and pointer will travel to zero to indicate peak has been cleared.

SETTING LED BRIGHTNESS

ATTENTION: 1) Setting LED brightness while gauge lighting is OFF will set DAY LED brightness. 2) Setting LED brightness while gauge lighting is ON will set NIGHT LED brightness.

1. POWER gauge ON.
2. PRESS button. LED will light up at current brightness setting.
3. PRESS button to toggle through LED brightness options. After a small delay, LED light will blink to indicate setting has been saved.

   (Off) 0 - 1 - 2 - 3 - 4 (Most Bright)

MOUNTING THE LSU 4.9 O2 SENSOR

Installing the O2 sensor within 40 inches (1 meter) of the closest exhaust valve is recommended.

Mount the sensor in the range between 10-75 degrees (Figure 2). Mounting vertically (90 degrees) can cause the sensor to get too hot. Mounting horizontally (0 degrees) can cause condensation to accumulate in the sensor.

Position the sensor perpendicularly to the gas flow (i.e. bung sitting square over the pipe). This will ensure gas flow to the sensor is adequate, but not excessive.

Figure 2.

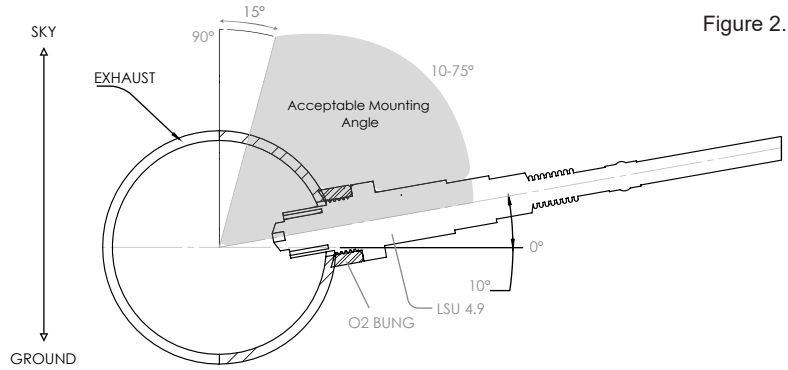
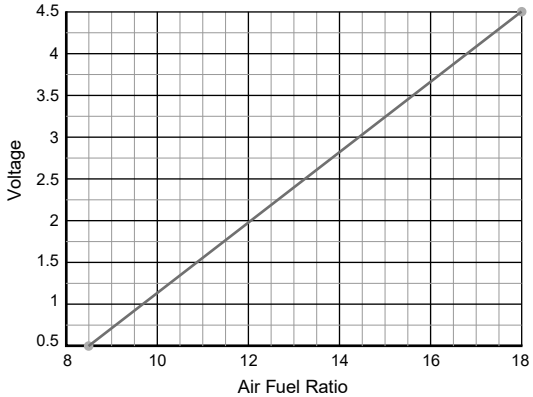


Figure 3.



AFWB Analog Output (Pink wire) for Data Logger

LIFETIME WARRANTY

We take pride in the products we make and offer a Lifetime Warranty on gauge electronics and a 5-year warranty on hardware for every gauge, tachometer and shift light purchased since Jan 1, 2006. Every SPEEDHUT product is built for a lifetime of service, and we warrant to the person who originally purchased the product that all SPEEDHUT products will be free from defects in workmanship and materials for their applicable warranty period. If a defect occurs during the warranty period as the result of the product’s intended use, we will repair or replace the defective product or part, to our discretion. The warranty does not cover defects caused by third-party modifications, repairs or replacement parts. Any holes, scratches, normal wear and tear, and the natural breakdown of colors and materials over extended time and use are not warranted.

CONTACT US
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801-221-1460 (9a-4p MST)
FAQ - Speedhut.com/faq.i
www.Speedhut.com

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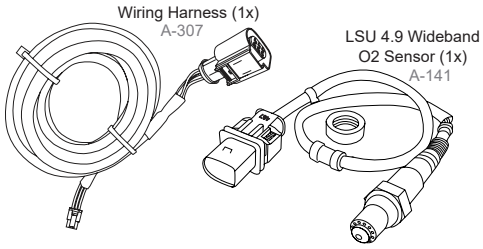
SPEEDHUT



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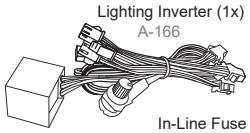

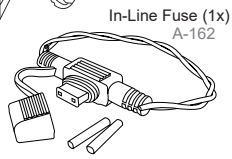

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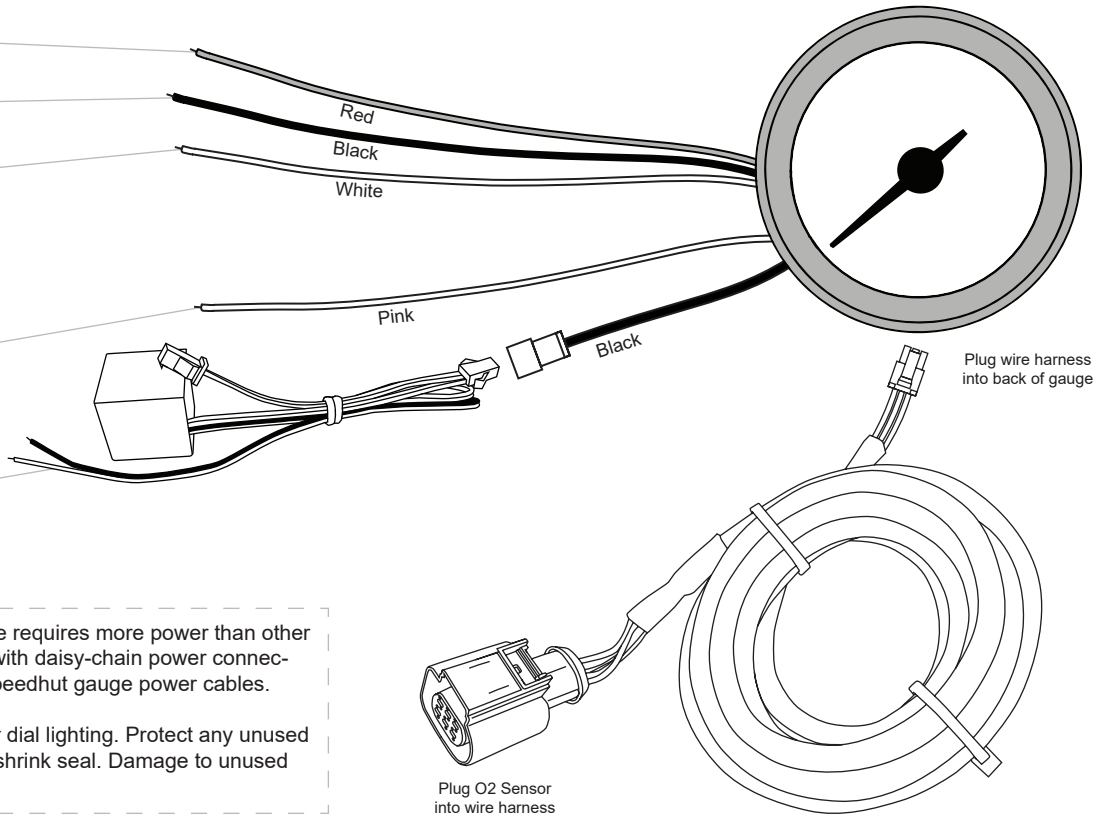
RED: +12v Accessory Power (Main Gauge Power)*

BLACK: Ground

WHITE: +12v Dash Lighting (Pointer Lighting)

PINK: Data Logger (Optional) (Figure 3: Voltage Output Chart).

WHITE: +12v Dash Lighting (Dial lighting)**
BLACK: Ground



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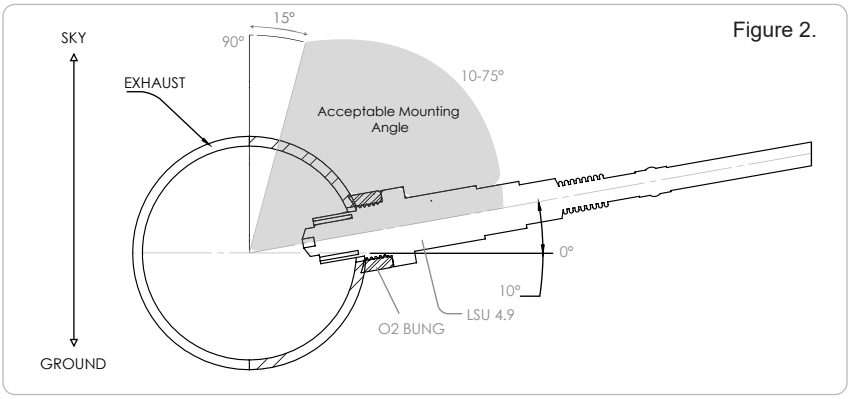
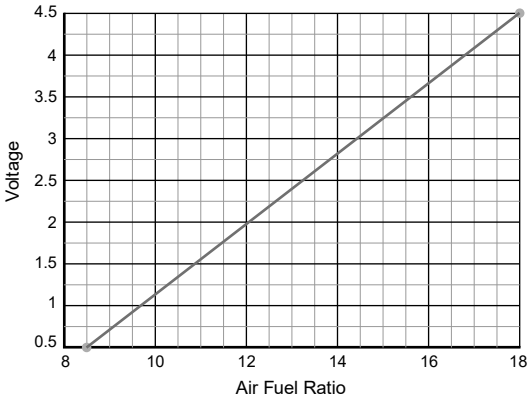


Figure 2.

Figure 3.



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